

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Chemicals for Antiaggregant

Chemical	Dosage
(+)-CATECHIN	IC68=200 ug/ml
(+)-PRAERUPTORUM-A	--
(-)-ACETOXYCOLLININ	EC100=100 uM
(-)-EPICATECHIN	--
(-)-EPIGALLOCATECHIN-GALLATE	450 uM
(-)-N-(1'-DEOXY-1'-D-FRUCTOPYRANOSYL)-S-ALLYL-L-CYSTEINE-SULFOXIDE	--
1,7-BIS(4-HYDROXY-3-METHOXYPHENYL)-1,6-HEPTADIEN-3,5-DIONE	--
1-(METHYLSULFINYL)-PROPYL-METHYL-DISULFIDE	#NAME?
14-ACETOXYCEDROL	--
2,6-DIMETHOXYPHENOL	--
2-VINYL-4H-1,3-DITHIIN	--
3,4-DIHYDROXYACETOPHENONE	--
3,4-DIHYDROXYBENZOIC-ACID	--
3,5,4'-TRIHYDROXY-6,7-METHYLENEDIOXY-3,O-BETA-D-GLUCOPYRANOSIDE	--
3-ALPHA,15-DIHYDROXY-LABDA-8(17)-13E-DIENE	--
3-ALPHA-HYDROXY-12,13E-BIFORMENE	--
3-ALPHA-HYDROXYMANOOL	--
3-BETA-HYDROXYPARTHENOLIDE	--
4-CINNAMOYLMUSSATIOSIDE	IC60=5 mg/ml
4-DIMETHYLCAFFEOYLMUSSATIOSIDE	IC40=5 mg/ml
4-P-METHOXYCINNAMOYLMUSSATIOSIDE	IC35=5 mg/ml
6-ACETONYLDIHYDRONITIDINE	100 ug/ml
6-O-ANGELOYLPLENOLIN	--
ACETOXYAURAPten	EC100=100 uM
ACETOXYCOLLININ	EC100=100 uM
ACETYL-EUGENOL	IC50=1.1 uM
ADENOSINE	--

Chemical	Dosage
AJMALICINE	--
AJOENE	90-100 uM
ALGINATES	--
ALLICIN	0.1-1 uM
ALLIIN	IC100=60 ug/ml
ALLYL-METHYL-TRISULFIDE	0.1-1 uM
ALLYL-SULFIDE	--
ALLYL-TRISULFIDE	--
ALPHA-LINOLENIC-ACID	--
ANEMARRHENASAPONIN-I	--
ANEMARRHENASAPONIN-IA	--
ANISODAMINE	--
ANISYL-ALCOHOL	IC50=630 uM
ANTHOCYANOSIDE	--
APIGENIN	--
ARISTOLOCHIC-ACID	--
ARTECANIN	--
ARTOCARPANONE	IC50=41 uM
ARTOCARPETIN	IC50=96 uM
ASCORBIC-ACID	--
AURANTIOBTUSIN	--
AURANTIOBTUSIN-BETA-D-GLUCOSIDE	--
AURAPten	EC100=50 uM
AVICINE	--
BAICALEIN	ED50=120-200 mg/kg
BAICALIN	--
BERBAMINE	--

Chemical	Dosage
BERBERASTINE	--
BERBERINE	--
BERGAPTEN	--
BISHYDROXYCOUMARIN	2-3 mg/kg
BROMELAIN	--
BROUSSO AURONE-A	IC50=15 uM
BROUSSO CHALCONE-A	IC50=7 uM
BROUSSO CHALCONE-A-TRIACETATE	IC50=92 uM
BROUSSO FLAVAN-A	IC50=87 uM
BROUSSO FLAVONOL-E	IC50=40 uM
BROUSSO FLAVONOL-F	IC50=17 uM
BUDMUNCHIAMINES	--
CAFFEIC ACID	--
CANIN	--
CAPSAICIN	--
CATECHIN	IC68=200 ug/ml
CEPAENE	--
CEPHARANTHINE	IC50=75 uM
CHALEPIN	LD40=100 ipr
CHELERYTHRINE	--
CHRYSIN	--
CHRYSO-OBTUSIN	--
CHRYSO OBTUSIN-GLUCOSIDE	--
CICHORIIN	--
CINCHONINE	IC50=125-180 uM
CINNAMALDEHYDE	200 uM
COCLAURINE	--

Chemical	Dosage
COLLININ	EC100=50 uM
CONIFERYL-ALCOHOL	IC50=29 uM
COUMARIN	--
CRYPTOLEPINE	--
CRYPTOTANSOSHINONE	IC50=5-100 ug/ml
CURCUMIN	--
CYCLEANINE	--
CYCLOALLIIN	--
DANSHEXINKUN-A	IC50=25-50 ug/ml
DAURICINE	--
DECUROSIDE-III	--
DICTAMNINE	--
DIHYDROTANSOSHINONE-I	IC50=5-25 ug/ml
DIOSMOSIDE	--
DISENECIONYL-CIS-KHELIACTONE	IC50=50 ug/ml
ELEMICIN	IC50=360 uM
EMODIN	--
EPICATECHIN	IC94=200 ug/ml
EPOXYCOLLININ	--
ESTRAGOLE	IC50=320 uM
EUGENIN	--
EUGENOL	IC50=0.3 uM
EUGENYL-ACETATE	ED=15 uM
FALCARINDIOL	--
FANGCHINOLINE	--
FERRUGINOL	--
FERULIC-ACID	--

Chemical	Dosage
FLAVANONE	IC50=21 ug/ml
FLAVONE	IC50=7 ug/ml
FORSKOLIN	IC50=6 ug/ml
FRANGULIN-B	--
FUTOXINE	--
GAMMA-LINOLENIC-ACID	--
GENISTEIN	1-10 ug/ml
GINGEROL	0.5-20 uM
GINKGOLIDE	--
GINKGOLIDE-A	--
GINKGOLIDE-B	IC50=0.6-0.8
GINKGOLIDE-C	--
GINKGOLIDES	--
GINSENOside-R-O	--
GINSENOside-RG-1	--
GINSENOside-RG-2	--
GINSENOIDES	--
GLUCO-AURANTIOBTUSIN	IC=0.05 mg/ml
GLUCO-CHRYSOBTUSIN	IC=0.025 mg/ml
GLUCO-OBTUSIFOLIN	IC=0.05 mg/ml
HANCINONE	--
HISPIDULIN	IC50=13 ug/ml
HOMOAROMOLINE	--
HONOKIOL	--
HUAJIAOSIMULINE	IC83-100=100 ug/ml
HYPOLAETIN-8-GLUCOSIDE	--
IMPERATORIN	--

Chemical	Dosage
ISOBAVACHALCONE	IC50=0.5-65 uM
ISOEUGENOL	IC50=0.72 uM
ISOLIQUIRITIGENIN	--
ISOTANSHINONE-IIB	5-10 ug/ml
ISOTRILOBINE	--
KADSURANIN-A	IC66=8.4uM
KADSURANIN-B	IC90=9.5uM
KADSURANIN-D	IC91=29uM
KADSURANIN-E	IC94=28uM
KADSURANIN-F	IC80=13uM
KADSURENONE	--
KAEMPFEROL	30 uM
KAWAIN	IC50=71-115 uM/l
L-ASARININ	--
LIGUSTRAZINE	--
MAGNESIUM	400 mg/day
MELATONIN	--
MELILOTIN	--
MENTHOL	IC50=750
MENTHONE	IC50=750
METHYL-ALLYL-TRISULFIDE	--
METHYL-ISOEUGENOL	IC50=56 ug/mL
METHYL-TANSHINONATE	IC50=25-50 ug/ml
MOUPINAMIDE	--
MYRISTICIN	IC50=250 uM
N-P-COUMAROYLTYRAMINE	--
N-TRANS-FERULOLYTYRAMINE	--

Chemical	Dosage
NARINGENIN	--
NEOBAVISOFLAVONE	IC50=2.5-62.5 uM
NODAKENETIN	--
NODAKENIN	--
NORDIHYDROGUAIARETIC-ACID	--
OROXYLIN-A	--
PAEONIFLORIN	--
PAEONOL	--
PAEONOLIDE	--
PAEONOSIDE	--
PANAXYNOL	--
PARTHENOLIDE	IC50=50 uM
PHYTIC-ACID	--
PILOCARPINE	--
POLYDATIN	--
PROTOCATECHUIC-ALDEHYDE	--
PROTOPINE	100-1,000 uM
PSEUDOSEMIGLABRINE	--
PSYCHOTRIDINE	--
PUERARIN	--
PYRIDOXINE	40 mg/day
QUERCETIN	30 uM
QUERCETIN	IC50=55 uM
RAUBASINE	--
RESVERATROL	IC50=0.016-232 uM/L
RESVERATROL	IC50=100 uM
RHYNCHOPHYLLINE	--

Chemical	Dosage
ROSMARINIC-ACID	--
RUTIN	ED50=33 nmol/kg iv
RUTOSIDE	--
SAFROLE	IC50=110 uM
SAIKOSAPONIN-A	--
SALICIN	--
SALICYLATES	--
SELENIUM	--
SEROTONIN	--
SKULLCAPFLAVONE-II	--
SODIUM-FERULATE	--
TANSHINONE	IC50=5-50 ug/ml
TANSHINONE-II-A	--
TETRAMETHYL-PYRAZINE	--
TETRANDRINE	--
THIOSULFINATE	--
THYMOL	IC50=0.75
TIMOSAPONIN-A-III	--
TIMOSAPONIN-B-I	--
TIMOSAPONIN-B-II	--
TIMOSAPONIN-B-III	--
TOCOPHEROL	--
TRIOLEIN	--
TUSSILAGONE	--
TYRAMINE	--
VATAMIDINE	--
VATAMINE	--

Chemical	Dosage
VATINE	--
VATINE-A	--
VITAMIN-E	--
WALLICHININE	--
WOGONIN	--
Z-GUGGULSTERONE	IC50=100 uM